

**West Texas A&M University  
Advising Services  
Degree Checklist  
2015-2016**

(For assistance completing this form, contact Advising Services at 806-651-5300)

NAME: \_\_\_\_\_ WT ID: \_\_\_\_\_ DATE: \_\_\_\_\_

**Wildlife Biology  
Department of Life, Earth and Environmental Sciences  
ANS 348A 651-2570**

CORE CURRICULUM COURSES: 42 HOURS ♦		HRS
<b>Communication (Code 10)</b>		
ENGL 1301 Introduction to Academic Writing and Argumentation	3	
COMM 1315, 1318, or 1321	3	
<b>Mathematics (Code 20)</b>		
See University Core Requirements below	(3)	
<b>Life and Physical Sciences (Code 30)</b>		
See University Core Requirements below	(6)	
<b>Language, Philosophy and Culture (Code 40)</b>		
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; PHIL 1301, 2374; SPAN 2311*, 2312**/**, 2313*, or 2315* <b>Choose 1</b>	3	
<b>Creative Arts (Code 50)</b>		
ARTS 1303, ARTS 1304; DANC 2303; HUMA 1315; MUSI 1306 or 1208 and 1209* (extra MUSI hour moves to Code 90); OR THRE 1310 <b>Choose 1</b>	3	
<b>American History (Code 60)</b>		
HIST 1301, 1302, 2301, 2381 <b>Choose 2</b>	6	
<b>Government/Political Science (Code 70)</b>		
POSC 2305 and 2306	6	
<b>Social and Behavioral Sciences (Code 80)</b>		
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; PSYC 2301; SOCI 1301 <b>Choose 1</b>	3	
<b>Component Area Option (Code 90)</b>		
See University Core Requirements below	(6)	
<b>WILDLIFE BIOLOGY MAJOR REQUIREMENTS: 75-86 HOURS</b> A grade of "C" or better must be earned in all courses required for major.		
<b>UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦</b>		
<b>CORE 20</b> MATH 1314*, 1316* or 2412*[3]	3	
<b>CORE 30</b> BIOL 1411[3] Botany	3	
<b>CORE 30</b> BIOL 1413[3] Zoology	3	
<b>CORE 90</b> ENGL 1302* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication	3	
<b>CORE 90</b> BIOL 1411L[1], BIOL 1413L[1]; IDS 1071[1] or MATH 2412[1]	3	
<b>WILDLIFE BIOLOGY: 48-55 HOURS</b>		
BIOL 2374* Wildlife Conservation	3	
BIOL 3374* Wildlife Management	3	
BIOL 3424*, 3424L Wildlife Management Techniques	4	
BIOL 3532*, 3532L Plant Classification	5	
BIOL 4510, 4510L General Ecology	5	
BIOL 4433, 4433L Ornithology	4	
BIOL 4434, 4434L Mammalogy	4	

**Bachelor of Science Degree  
BS.BIOL.WILDLIFE (141)**

<b>Take three courses from (include all labs):</b> BIOL 3301 Genetics BIOL 3418, 3418L Wildland Soils BIOL 4098* Internship in Wildlife/Fisheries (minimum of 3 semester credit hours) BIOL 4335 Animal Behavior BIOL 4351* Conservation Biology BIOL 4416, 4416L Introductory Biometry BIOL 4480, 4480L Aquaculture ENVR 4302* Environmental Law	9-12	
<b>Take three courses from (include all labs):</b> BIOL 2572*, 2572L Microbiology BIOL 3099* Field Biology (minimum of 3 semester credit hours) BIOL 3510, 3510L Entomology BIOL 4425, 4425L Limnology BIOL 4430, 4430L Introduction to Dendrochronology BIOL 4431, 4431L Ichthyology BIOL 4432, 4432L Herpetology BIOL 4460*, 4460L Arachnology BIOL 4513, 4513L Plant Ecology	11-15	
<b>OTHER REQUIRED COURSES: 12-16 HOURS</b>		
CHEM 1411*, 1411L Chemistry I	4	
CHEM 1412*, 1412L Chemistry II	4	
GEOLOG 1403, 1403L Physical Geology	4	
MATH 1316* Plane Trigonometry OR MATH 2412* Pre-Calculus (if not taken to satisfy Core 20)	0-4	
<b>BACHELOR OF SCIENCE REQUIREMENTS</b> <span style="float: right;"><b>OPTION</b></span>		
Covered by requirements for major.		
<b>ELECTIVES: 7-18 HOURS BY ADVISEMENT—SEE NOTE</b>		
ELECTIVES ♦	7-18	
<b>MINIMUM HOURS REQUIRED TO COMPLETE DEGREE</b>	<b>120</b>	

♦ NOTE: The core curriculum must total **exactly 42 hours**; excess hours must be moved to the major as an elective or a major requirement and stay within the 120-hour requirement or approved total submitted to the Coordinating Board for degree requirements. Some majors specify particular courses to meet core curriculum requirements when options are available.

\* Indicates prerequisites—see catalog for more information.

\*\* Or an equivalent course (second year, second semester) in a foreign language.

\*\*\* Additional hours may be required for bachelor of arts option (120-124 total hours compared to 120 for a bachelor of science).

NOTE: At least 39 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU, and 30 of the final 36 hours counted toward the degree must be earned at WTAMU. Additional advanced hours to provide a minimum of 39 hours should be selected from biology, chemistry, environmental science, geology, mathematics, or physics. A maximum of six semester hours in religion (REL) and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

**Note: This is NOT a degree plan. After completing 30 hours, students are encouraged to request an official degree plan in the office of the dean of the College of Agriculture and Natural Sciences, located in the Agriculture and Natural Sciences Building, Room 106 (or call 651-2585). Students who have completed 45 hours will not be allowed to progress without requesting a degree plan.**



First Year					
Fall			Spring		
H o u r s  14	CORE 10-ENGL 1301	3	H o u r s  16	CORE 90-ENGL 1302 or 2311	3
	MATH 1314	3		BIOL 1411/1411L	4
	BIOL 1413/1413L	4		MATH 1316 OR 2412	3
	BIOL 2374	3		CORE 10-COMM 1315, 1318 or 1321	3
	CORE 90-IDS 1071*	1		CORE 40	3
				See Checklist for Options	

Second Year					
Fall			Spring		
H o u r s  15	CORE 50	3	H o u r s  14	BIOL REQUIREMENT**	4
	See Checklist for Options			CHEM 1412/1412L	4
	CORE 70-POSC 2305 or 2306	3		CORE 70-POSC 2305 or 2306	3
	CHEM 1411/1411L	4		BIOL 3374	3
	BIOL 3532/3532L	5			

Third Year					
Fall			Spring		
H o u r s  15	GEOL 1403/1403L	4	H o u r s  15	BIOL 4433/4433L	4
	BIOL 4434/4434L	4		BIOL 3424/3424L	4
	BIOL REQUIREMENT**	4		BIOL REQUIREMENT**	4
	CORE 60-HIST 1301, 1302, 2301 or 2381	3		CORE 60-HIST 1301, 1302, 2301 or 2381	3

Fourth Year					
Fall			Spring		
H o u r s  14	CORE 80	3	H o u r s  17	BIOL REQUIREMENT**	5
	See Checklist for Options			BIOL REQUIREMENT**	4
	BIOL REQUIREMENT**	5		BIOL 4510	5
	ELECTIVE	3		ELECTIVE	3
	ELECTIVE	3			

**DISCLAIMER: This curriculum guide should be used in conjunction with the corresponding degree checklist for general planning purposes only. The degree checklist (later a student's official degree plan) should be referred to as the comprehensive list of all courses required for the degree. An official degree plan is required after completing 45 hours. Students should always seek the advice of their academic adviser before scheduling classes.**

Notes: \* IDS 1071 should be selected only if the student intends to take MATH 1316 instead of 2412.  
 \*\* BIOL Requirement: choose from BIOL 3301, 3418, 4098, 4335, 4351, 4416, 4480; ENVR 4302; choose depending on availability. (Must have three courses from this group.)  
 \*\* BIOL Requirement: choose from BIOL 2572, 3099 (May Semester or Summer), 3510 (FA, even years), 4425 (FA, odd years), 4430, 4431 (SP, odd years), 4432 (SP, even years), 4460 (FA, odd years), 4513; choose depending on availability.  
 (Must have three courses from this group.)